FIG. 1 OA polyA+ RNA RA polyA+ RNA **cDNA** cDNA amplicon amplicon hybridization subtracted DNA hybridization subtracted DNA cloning in pUC18 colony screening sequencing Northern blotting

FIG. 2

semathor in 111 n semptorin E h semptorin VI h semptorin IV h semptorin V h semptorin II semathar in VI semption in IV semathar in SAVCVYHLSDIQTVFNGPFAHKEGPNHOLISYOGRIPYPR SAVCVYHLSDIQTVFNGPFAHKEGPNHOLISYOGRIPYPR SAVCVYSMADTRMVFNGPFAHKEGPNHOWVSYOGRVPYPR SAVCVYSMADVRRAFLGPFAHKEGPMHOWVSYOGRVPYPR MYSMS IN VIBINE SIGE OF A HIR DIGENIY OF WENT PORTOR OF A PARTED AND PARTE OF A PARTE OF

n semptorin E h semptorin VI h semptorin IV h semptorin V semathar in III ш semathar in PGTCPGGALTPNMRTTKEFPDDVVTFIRNHPLMYNSISPI PGTCPGGALTPNMRTTKEFPDDVVTFIRNHPLMYNSIYPI PGTCPGGTFTPSMKSTKDVPDEVINFMRSHPLMYQAVYPL PGWCPSKTFGTFSXSTKDFPDDVIOFARNHPLMYNSVLPT PGWCPSKTFGTFSXSTKDFPDDVIOFARNHPLMYNSVLPT

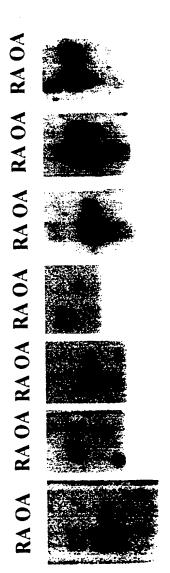
HRRPLIVRIGTDYKYTKIAVD QRRPLIVRIGTDYKYTKIAVD QRRPLYVRTGAPYRLTTIAVD GGRPLFLQVGANYTFTQIAAD NNRPIWIKTDVNXQETQIVVD

n semptorin E h semptorin VI h semptorin IV h semptorin V h semptorin I

CELX09C4 ts99	GLESHUMAN	CELK09C4	ts99	GLESHUMAN
SYPAPHGPEDPAPQFAHMEENEISHRTGSWNFAPNPDKQWLLQRT SHAAPHGPEDSAPQFSELYPNASQHITPSYNYAPNMDKHWIMQYT	TPAPHSPWTARPO	GKMNDVHISFTDLLHRRRLQTLQSVDEGIERLFNLLRELNQLWNT	D MI, D I H M E F T N I L	PMTNSTOFLDNA

CELK09C4	ts99	GL6SHUMAN
FGLLKGKNMPYEFDIRVPFFMRGPGIPR	VPFFIRGPEVEP	SOFSLPIDKROLYEFDIKVPLLVRGPGIKP
KGKNMPYEFDIR	KGKSMPYDFDIR	IDKROLYEFDIK
DHGYHLGOFGLL	HGYHIGO	NGYHTG
VATVTS		FYTS

FIG. 4



MI,2122 MI,2115 lumican IGFBP5 SDF1a semVI collagenaselv